Index of Claims



Application/Control No.

10/732,827

Examiner

Date

Ginger T. Chapman

Applicant(s)/Patent under Reexamination

PRZEPASNIAK ET AL.

Art Unit

3761

| <b>√</b> | Rejected |
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| 1 | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

Claim

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| _ | Interference |

| 4 | Appeal   |
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| 0 | Objected |

|            |                       |              | <u> </u> |  |  |  | J        |              | L            |          |  |  |
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|            |                       | _            |          |  |  |  |          |              |              |          |  |  |
| Cli        | aim                   | Date         |          |  |  |  |          |              |              |          |  |  |
|            | _                     | S.           |          |  |  |  |          | 1            |              |          |  |  |
| Final      | ≝                     | 11/13/05     |          |  |  |  |          |              |              | 1        |  |  |
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| -          | O_                    | <del>-</del> |          | 1  |  | l  |          |              | Ì            | 1        |  |  |
|            | Original              | J            | +-       | <del>                                     </del> | ╁  | $\vdash$   | $\vdash$ | -            |              |          |  |  |
|            | 2                     | 1            | ╁        | +  | ├  | ╁┯   | ╁        | $\vdash$     | ╁            | ┼        |  |  |
|            | 2                     | 1            | ┝        |  | ╁  | ⊢  | ⊢        | ┢            | ┼            | ╁        |  |  |
|            | 2<br>3<br>4<br>5<br>6 |              | ╀        | ├  | ├  | ╄  | ├-       | ╁            | ⊢            | -        |  |  |
|            | 4                     | N /          | ⊢        | ⊢  | ├-   | 1  | -        | ├-           | ┞            | -        |  |  |
| <u> </u>   | 5                     | ×            | ┡        | ┞  | ┞  | ┞  | <u> </u> | ļ            | ┞-           | _        |  |  |
|            | 6                     | 1            | <u> </u> | <u> </u>   | <u> </u>   | L  | ╙        | _            |              |          |  |  |
|            | 7                     | N            | _        | <u> </u>   | L  | _  | _        | <u> </u>     | <u> </u>     |          |  |  |
|            | 8                     |              |          |  | L  | _  |          |              |              |          |  |  |
|            | 9<br>10               | 1            |          |  |  |  |          |              | <u> </u>     |          |  |  |
|            | 10                    |              |          |  |  |  |          |              |              |          |  |  |
|            | 11                    | 1            |          |  |  |  | Γ        |              |              |          |  |  |
|            | (12)                  | 1            |          |  |  |  |          |              |              | T        |  |  |
|            | 13                    | 1            | Î        | П  |  |  |          | İ            | İ            |          |  |  |
|            | (14)                  | 7            | П        | П  |  |  | T        | Ī            |              | П        |  |  |
|            | 13<br>15<br>16        | 7            | П        |  | Ι  |  | Т        | Г            | Т            |          |  |  |
|            | 16                    | 1            |          |  | -  | 1  | П        | П            | Т            |          |  |  |
|            | 17                    | =            | -        | Т  | _  | 1  | Ì        |              |              |          |  |  |
| ļ          | 17<br>18              |              |          | 1  | $\vdash$   | <del>                                     </del> |          | Ħ            |              |          |  |  |
|            | 19                    |              |          | -  | 1  | $\vdash$   | $\vdash$ | t            |              |          |  |  |
|            | 20                    |              | ╁        | _  | <del>                                     </del> |  |          |              |              | Н        |  |  |
|            | 20<br>21              | -            | _        |  | ┪  | $\vdash$   | ├─       | -            |              | Н        |  |  |
|            | 22                    |              | -        | -  | ┢  | $\vdash$   | ┢        | -            | 1            | Н        |  |  |
|            | 23                    | _            | -        | -  | $\vdash$   |  | $\vdash$ | ┢╌           |              | Н        |  |  |
|            | 22<br>23<br>24        | _            |          | $\vdash$   |  | $\vdash$   | $\vdash$ | ┢            | ├            | Н        |  |  |
|            | 25                    | _            | -        | $\vdash$   | $\vdash$   |  | $\vdash$ | Н            | $\vdash$     | $\vdash$ |  |  |
| -          | 25<br>26              |              | $\vdash$ | ┝  | ┢  | $\vdash$   | $\vdash$ | ├            | $\vdash$     | $\vdash$ |  |  |
|            | 27                    |              | ┢        | -  |  | <del> </del>                                     | $\vdash$ | -            | -            | Н        |  |  |
| $\vdash$   | 20                    | _            | $\vdash$ | -  | _  | ┝  | -        | -            | -            | $\vdash$ |  |  |
| <u> </u>   | 28<br>29              |              |          | $\vdash$   | <u> </u>   |  |          | ├—           | ⊢            | -        |  |  |
| <u> </u>   | 29                    |              | ┝        |  |  | ├  | -        | ├            | <del> </del> | Н        |  |  |
|            | 30                    |              | _        |  | <u> </u>   | _  | _        | <u> </u>     |              | Н        |  |  |
| <u> </u>   | 31<br>32              | _            | ⊢        | _  |  | _  | _        | <u> </u>     | ┡            | Ш        |  |  |
|            | 32                    |              | <u> </u> | _  | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>     | L            | Ш        |  |  |
| $\vdash$   | 33                    |              |          | <u> </u>   | <u> </u>   | <u> </u>   | ⊢        | <u> </u>     | <u> </u>     | Ш        |  |  |
| L          | 34                    |              |          | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>     | Ш        |  |  |
| <b></b>    | 35                    |              | _        | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>     |          |  |  |
| L          | 36<br>37              |              | <u> </u> | <u> </u>   | L.   | L.   | <u> </u> | _            | <u> </u>     | Ш        |  |  |
|            | 37                    |              | <u> </u> | L_   |  | _  |          | ļ            | _            | Ш        |  |  |
|            | 38                    |              | <u> </u> | Ш  | <u> </u>   |  | _        | L.           |              | Ш        |  |  |
| L          | 39                    | _            | L_       |  |  | <u> </u>   | <u> </u> | $oxed{oxed}$ | _            | Ш        |  |  |
|            | 40                    |              |          |  |  | L.   | <u> </u> |              | <u></u>      | Ш        |  |  |
|            | 41                    |              |          |  |  |  |          |              |              |          |  |  |
|            | 42                    |              |          |  |  |  |          |              |              |          |  |  |
|            | 43                    |              |          |  |  | L  | L        |              |              |          |  |  |
|            | 44                    |              |          |  |  |  |          |              |              |          |  |  |
|            | 45                    |              |          |  |  |  |          |              |              |          |  |  |
|            | 46                    |              |          |  |  |  |          |              |              | П        |  |  |
|            | 47                    |              |          |  |  |  |          |              |              | П        |  |  |
|            | 48                    |              |          |  |  |  |          |              |              | П        |  |  |
|            | 49                    |              |          |  |  |  |          |              |              |          |  |  |
|            | 50                    |              |          |  |  | Г  | Г        | $\Box$       |              |          |  |  |

|          |                            | _        | _            |              |              |          | <del>-</del> |          | _        | _        | -   | 5     |          | _        | _        | _        | :        |          | <u> </u> |             |          | —        |
|----------|----------------------------|----------|--------------|--------------|--------------|----------|--------------|----------|----------|----------|-----|-------|----------|----------|----------|----------|----------|----------|----------|-------------|----------|----------|
| BUL      | Original                   | 11/13/05 |              |              |              |          |              |          |          |          |     | Final | Original |          |          |          |          |          |          |             |          |          |
| _        |                            | V        | -            |              | <del> </del> | ⊢        | $\vdash$     | -        |          | ┢        | 1   |       | 51       | -        | _        |          | -        |          |          |             |          | H        |
|          | 2                          | 1        |              | -            |              | ├—       | ├            | $\vdash$ | $\vdash$ | ┝        | 1   |       | 52       | -        | _        |          | _        |          |          |             |          | Н        |
|          | 2                          | 1        | -            | ├            | ┝            | ⊢        | ⊢            |          | ┢        | ├        | ł   |       | 52       | _        | _        | _        |          | _        |          |             |          | $\dashv$ |
|          | 3                          | N        | -            | <del> </del> | -            |          | -            |          | $\vdash$ | ⊢        | ł   |       | 53<br>54 | -        |          |          |          | _        |          |             |          | $\dashv$ |
|          | -                          | 1        | ├            | ┢            | ├—           | ⊢        | -            |          | -        | ⊢        | -   |       | 54       |          | _        |          | -        |          |          | _           |          | $\dashv$ |
|          | 5                          | 1        | ⊢            | ├            | <del> </del> | ⊢        |              |          | -        | ┢        | 1   |       | 55       | _        | -        |          |          | -        |          |             |          |          |
|          | 6                          | N        | <del> </del> | ⊢            | -            | -        | ⊢            | ⊢        | -        | ┝        | 1   |       | 56<br>57 | _        |          |          |          |          | _        |             |          |          |
|          | -                          | √<br>    | <u> </u>     |              | -            | -        | ⊢            | <u> </u> | ⊢        | ┝        | 1   |       | 5/       |          | _        |          | _        | _        |          |             |          |          |
|          | 8                          | 1        | $\vdash$     | -            | -            | ├        |              |          | -        | ⊢        | 1   |       | 58       |          | -        |          | _        |          |          |             |          |          |
|          | 9<br>10                    | 1        | -            | -            | -            | ┝        | _            | -        |          | _        |     |       | 59       |          | _        |          | _        |          |          |             |          | $\dashv$ |
|          | 10                         | 1        |              |              | $\vdash$     |          | -            | -        |          | -        |     |       | 60       |          | -        |          | _        |          | _        | _           | -        | $\dashv$ |
|          | 11                         | 7        |              | -            |              | -        |              | -        | ├-       |          |     |       | 61       |          | -        |          |          | _        |          | _           | -        |          |
|          | 13                         | 7        |              | -            |              | <u> </u> |              |          | <u> </u> | -        |     |       | 62<br>63 |          | -        | _        |          |          | _        |             | -        |          |
|          | (14)                       | 7        |              | -            | _            | _        |              |          | _        | <u> </u> | - 1 |       | 64       |          | _        | _        |          |          |          |             | $\vdash$ |          |
|          | 15                         | 7        | -            | -            |              | <u> </u> | _            | _        |          | -        |     |       | 64<br>65 |          | -        |          |          |          |          |             | _        | Н        |
|          | 10                         | 1        |              |              |              |          |              | -        | ┝        | ├-       |     |       | 60       |          |          |          | _        |          |          |             | -        | $\dashv$ |
|          | 16<br>17                   | ┪        |              | <u> </u>     | -            |          |              |          | _        | L        |     |       | 66       |          | $\dashv$ |          |          |          | _        |             |          |          |
|          | 17                         |          |              | ├—           | -            | -        |              |          | -        | ⊢        |     |       | 67       |          |          |          |          |          |          |             | _        |          |
|          | 18                         |          |              |              | -            | _        | _            | $\vdash$ | _        | ⊢        |     |       | 68       | -        |          |          |          |          | _        | _           |          |          |
|          | 19<br>20                   |          |              | -            |              |          |              |          |          | <u> </u> |     |       | 69       | -        | -        |          |          |          | -        | $\dashv$    |          |          |
|          | 21                         | -        |              |              | -            | _        |              |          |          | ⊢        |     |       | 70<br>71 | -        | -        |          |          |          |          |             | -        | _        |
|          | 21                         |          |              | -            | $\vdash$     |          |              |          |          | H        |     |       |          | -        |          | -        | _        |          | -        |             | $\dashv$ | -        |
|          | 22<br>23<br>24<br>25<br>26 | _        |              | <u> </u>     | H            | _        | _            |          | _        | ⊢        |     |       | 72       | $\dashv$ | $\dashv$ | -        |          |          | $\dashv$ | -           |          |          |
|          | 23                         | _        |              | H            | H            |          |              |          |          | -        |     |       | 73       | -        | $\dashv$ | _        |          | _        | $\dashv$ |             |          | $\dashv$ |
|          | 24                         | _        |              | -            |              |          | -            |          | _        | _        |     |       | 74       |          | -        | -        |          |          | _        |             |          | $\dashv$ |
| _        | 25                         |          |              | -            | -            |          | Н            | _        | _        |          |     |       | 75<br>76 | 긕        |          |          | $\dashv$ | _        |          | -           |          | _        |
|          | 20                         | _        |              | -            |              |          | -            |          |          |          |     |       | 70       |          |          |          |          |          | -        | $\dashv$    | $\dashv$ |          |
| _        | 27                         | _        |              |              |              |          |              |          |          |          |     |       | 77       | -        |          |          |          | _        | $\dashv$ |             |          | _        |
| _        | 27<br>28<br>29             |          |              | $\vdash$     |              |          |              | _        | -        |          |     |       | 78       |          | $\dashv$ |          | -        | _        |          |             |          |          |
|          | 29                         |          |              |              |              |          |              |          | _        | <u> </u> |     |       | 79       |          | $\dashv$ | $\dashv$ | -        |          | $\dashv$ |             |          | _        |
|          | 30<br>31                   |          |              | -            | -            |          |              | _        |          | <u> </u> |     |       | 80<br>81 |          |          |          | $\dashv$ |          |          |             | $\dashv$ | _        |
|          | 31                         | $\dashv$ |              | -            |              | _        |              |          |          | -        |     |       | 81       |          | -        | _        | _        | $\dashv$ |          |             | -        |          |
|          | 32                         |          |              | _            | Н            |          |              |          |          | <u> </u> |     |       | 82       |          |          |          | _        | _        |          |             |          |          |
|          | 33                         |          |              |              |              |          |              |          |          | <u> </u> |     |       | 83<br>84 | -        |          |          |          | _        | $\dashv$ |             |          |          |
|          | 34                         | _        |              |              | _            |          |              |          |          | <u> </u> |     |       | 84       | _        |          |          |          | $\dashv$ | _        |             |          | _        |
|          | 35                         | $\dashv$ |              |              |              |          |              | _        |          |          |     |       | 85       |          | -        |          | $\dashv$ |          | $\dashv$ | $\dashv$    | $\dashv$ | —        |
| _        | 36                         | $\dashv$ |              | _            |              |          | _            | -        |          | -        |     |       | 86       |          | -        |          |          | -        |          | $\dashv$    | -        | _        |
|          | 37                         |          |              | -            |              | _        | _            | $\dashv$ |          |          |     |       | 87       | $\dashv$ |          |          |          | $\dashv$ |          |             |          |          |
|          | 38<br>39                   | $\dashv$ |              |              | $\dashv$     |          | -            | -        |          | -        |     |       | 88       |          | -        | -        |          |          |          | $\dashv$    | $\dashv$ | $\dashv$ |
|          | 39                         | $\dashv$ |              |              | -            |          | -            | $\dashv$ | _        | _        |     |       | 89       |          |          | -        |          | -        |          |             |          |          |
| _        | 40                         | -        |              |              |              |          | _            | $\dashv$ | _        | _        |     |       | 90       | $\dashv$ | $\dashv$ |          |          |          |          |             |          | $\dashv$ |
| -        | 41<br>42                   |          | _            |              |              |          | -            |          |          | -        |     |       | 91<br>92 | -        |          |          |          | $\dashv$ | -        | <b>-</b> -⊦ |          | 4        |
| _        | 42                         | -        | _            |              | -            | -        |              |          | _        |          | }   |       | 92       | $\dashv$ |          | $\dashv$ | $\dashv$ | -        |          |             |          | _        |
| -        | 43                         | -        | _            |              | $\dashv$     | _        |              | -        | _        | $\vdash$ |     |       | 93       |          | $\dashv$ | -        | -        |          |          |             | -        |          |
|          | 44<br>45                   |          |              | $\vdash$     | $\vdash$     |          |              | _        | _        | -        |     |       | 94       |          | -        |          |          |          |          |             | }        |          |
| -        |                            | $\dashv$ |              | $\vdash$     |              | $\dashv$ | _            |          | _        | $\vdash$ |     |       | 95       |          |          | -        |          | $\dashv$ |          | -           | $\dashv$ |          |
| -        | 46<br>47                   | $\dashv$ |              | Ш            | $\dashv$     | $\dashv$ | -            |          | -        | <u> </u> |     |       | 96       |          |          | -1       |          |          |          | -           |          | _        |
| $\dashv$ |                            | $\dashv$ |              |              |              |          |              | -        | $\vdash$ | $\vdash$ |     |       | 97       |          | $\dashv$ |          |          |          |          |             | $\dashv$ | $\dashv$ |
| -        | 48                         |          | _            | $\vdash$     |              | $\dashv$ | $\dashv$     | $\dashv$ | $\vdash$ | _        |     |       | 98       |          |          |          |          |          | $\dashv$ | -           | $\dashv$ |          |
|          | 49<br>50                   | $\dashv$ |              |              | $\Box$       |          | -            |          |          |          |     |       | 99       |          |          |          |          |          |          |             |          | $\dashv$ |
| J        | 50                         |          |              |              |              |          |              |          |          |          | L   | i     | 100      | 1        | l        |          |          |          | l        |             | l        |          |
|          |                            |          |              |              |              |          |              |          |          |          |     |       |          |          |          |          |          |          |          |             |          |          |

| Cla      | aim                             | Date |              |          |                                     |   |              |          |          |                 |  |
|----------|---------------------------------|------|--------------|----------|-------------------------------------|---|--------------|----------|----------|-----------------|--|
|          | I                               |      | Γ            | Γ        |                                     | ΓŤ  | П            | П        | Ī        | П               |  |
| Finat    | Original                        |      |              |          |                                     |   |              |          |          |                 |  |
|          | 101                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 102                             |      |              |          |                                     |   |              |          |          | П               |  |
|          | 102<br>103<br>104<br>105        |      |              |          |                                     |   |              |          |          |                 |  |
|          | 104                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 105                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 1 106                           |      | L            | L        | L                                   |   |              |          |          |                 |  |
|          | 107                             |      |              |          |                                     |   |              | 乚        |          |                 |  |
|          | 108                             |      |              | L.       | L                                   | _   |              | <u> </u> |          | Ш               |  |
|          | 109                             |      |              | L        |                                     |   |              | <u> </u> |          | Ш               |  |
|          | 110<br>111                      | _    | _            | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   | lacksquare   | <u> </u> |          |                 |  |
|          | 111                             |      | _            | L        | _                                   | $ldsymbol{ld}}}}}}$ | $oxed{oxed}$ | L        |          | Ш               |  |
|          | 112                             |      |              |          |                                     |   |              | <u> </u> | L.       |                 |  |
|          | 112<br>113<br>114               | L.   | <u> </u>     |          | _                                   |   | _            | L        |          | Ш               |  |
|          | 114                             |      | _            | _        |                                     | <u> </u>  | <u> </u>     | <u> </u> | <u> </u> | Ш               |  |
|          | 115                             |      | _            | _        |                                     | L.  | ļ            | L        | <u> </u> | Ш               |  |
|          | 116                             | L-   | ļ            | <u> </u> | ļ                                   |   | _            |          | L.       | Ш               |  |
|          | 117                             | _    | ļ            | <u> </u> |                                     | ļ.,   | _            | _        | ļ        | Ш               |  |
|          | 118<br>119                      |      | _            | <u> </u> |                                     |   | <u> </u>     | _        | <u> </u> |                 |  |
|          | 119                             |      | _            |          | <u> </u>                            | _   |              |          | <u> </u> |                 |  |
|          | 120                             |      | <u> </u>     | _        | ļ                                   | <u> </u>  |              | _        | _        | Ш               |  |
|          | . 121                           |      | <u> </u>     | <u> </u> | <u> </u>                            |   |              | <u> </u> | <u> </u> | Н               |  |
|          | 122                             |      |              | L        | _                                   | <u> </u>  |              | _        |          | Щ               |  |
|          | 121<br>122<br>123<br>124<br>125 | _    |              | H        | <u> </u>                            | -   | _            | <u> </u> |          | Н               |  |
|          | 124                             | _    | ⊢            | H        | <u> </u>                            | ┝   | H            | ├—       |          | H               |  |
|          | 125                             |      | -            | -        | <u> </u>                            | ├-  | ├—           |          | -        | $\vdash \vdash$ |  |
|          | 120                             |      | ┢            | H        | -                                   | ⊢   | ⊢            | -        |          | H               |  |
|          | 126<br>127<br>128               | _    | ⊢            |          | -                                   | ⊢   | -            | -        |          | H               |  |
| -        | 120                             | _    | ├            |          |                                     | $\vdash$  | ┝            | $\vdash$ | _        |                 |  |
|          | 129<br>130                      |      | ┝            | ├        | $\vdash$                            | $\vdash$  | ⊢            | -        | $\vdash$ | $\vdash$        |  |
| -        | 131                             |      | <del> </del> |          |                                     | ┢   |              | ⊢        | -        | H               |  |
| $\dashv$ | 132                             |      | $\vdash$     | ┝        |                                     |   | -            |          | -        | Н               |  |
| -+       | 132<br>133                      |      |              | -        |                                     | ┢   | -            | ┝        | $\vdash$ | Н               |  |
|          | 134                             |      |              | -        | -                                   | ┢   | $\vdash$     | -        | $\vdash$ | Н               |  |
|          | 135                             |      |              |          |                                     | $\vdash$  | -            | -        | _        | H               |  |
| -        | 136                             |      |              |          |                                     |   | _            | _        |          | H               |  |
|          | 137<br>138<br>139               |      |              |          |                                     |   | _            | $\vdash$ |          | H               |  |
|          | 138                             |      |              |          |                                     | $\vdash$  |              |          |          | М               |  |
|          | 139                             |      |              |          |                                     |   |              |          |          | П               |  |
|          | 140                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 141                             |      |              |          |                                     |   |              |          | Г        | $\Box$          |  |
|          | 142                             |      |              |          |                                     |   |              |          |          | П               |  |
|          | 143                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 144                             |      |              |          |                                     |   |              |          |          | П               |  |
|          | 145                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 146                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 147                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 148                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 149                             |      |              |          |                                     |   |              |          |          |                 |  |
|          | 150                             |      |              |          |                                     |   |              |          | L.       |                 |  |